

(ii) Recommended visual diffuse transmission densities for computer generated images are as follows:

Film Type	Process	Density Measurement Method	Min. Dmax <sup>1</sup>	Max. Dmin <sup>1</sup>	Minimum Density Difference
Silver gelatin	Conventional	Printing or diffuse	0.75	0.15	0.60
Silver gelatin	Full reversal	Printing	1.50	0.20	1.30

<sup>1</sup>Character or line density, measured with a microdensitometer or by comparing the film under a microscope with an image of a known density.

(3) *Base plus fog density of films.* The base plus fog density of unexposed, processed films must not exceed 0.10. When a tinted base film is used, the density will be increased. The difference must be added to the values given in the tables in paragraph (d)(2) of this section.

(4) *Line or stroke width.* Due to optical limitations in most photographic systems, film images of thin lines appearing in the original document will tend to fill in as a function of their width and density. Therefore, as the reduction ratio of a given system is increased, reduce the background density as needed to ensure that the copies will be legible.

**§ 1230.16 What are the film and image requirements for temporary records, duplicates, and user copies?**

(a) *Temporary records with a retention period over 99 years.* Follow the film and image requirements in § 1230.14.

(b) *Temporary records to be kept for less than 100 years.* NARA does not require the use of specific standards. Select a film stock that meets agency needs and ensures the preservation of the microforms for their full retention period. Consult appropriate ANSI standards, available as noted in § 1230.3, or manufacturer's instructions for processing microfilm of these temporary

records. Follow the manufacturer's recommendations for production and maintenance of temporary microfilm to ensure that the image is accessible and usable for the entire retention period.

**Subpart D—Storage, Use and Disposition Standards for Microform Records**

**§ 1230.20 How should microform records be stored?**

(a) *Permanent and unscheduled records.* Store permanent and unscheduled microform records under the extended term storage conditions specified in ISO 18911:2000 and ANSI/PIMA IT9.2-1998, except that the relative humidity of the storage area must be a constant 35 percent RH, plus or minus 5 percent. Do not store non-silver copies of microforms in the same storage area as silver gelatin originals or duplicate copies.

(b) *Temporary records.* Store temporary microform records under conditions that will ensure their preservation for their full retention period. Agencies may consult Life Expectance (LE) guidelines in ANSI/AIIM standards (see § 1230.3 for availability) for measures that can be used to meet retention requirements.